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The 2003 Institutional Controls Monitoring Report for Operable Unit 3-13



Idaho National Engineering and Environmental Laboratory

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August 2003

**Prepared for the
U.S. Department of Energy
Idaho Operations Office**

ABSTRACT

The purpose of this report is to document the results of the annual inspection of the institutional controls (ICs) associated with Waste Area Group (WAG) 3, Operable Unit (OU) 3-13 at the Idaho Nuclear Technology and Engineering Center. *The Final Record of Decision Idaho Nuclear Technology and Engineering Center* identifies the use of institutional controls as necessary to protect human health and the environment from contaminated sites. The implementation of the controls is identified in the *Institutional Control Plan for the Idaho Nuclear Technology and Engineering Center, Waste Area Group 3, Operable Unit 3-13*.

The 2003 WAG 3 inspections of ICs were conducted on April 15 and 23, May 13, and June 10, 2003. A representative of the Idaho Department of Environmental Quality conducted independent inspections of selected institutionally controlled sites on July 14, 2003. Inspections were conducted in accordance with the current Institutional Control Plan for WAG 3.

Based upon the inspections conducted at the WAG 3, OU 3-13, Comprehensive Environmental Response, Compensation, and Liability Act sites that require Institutional Controls, no deficiencies were observed in 2003 with respect to institutional controls that would impact human health or the environment. Deficiencies identified in the previous year were resolved.

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ACRONYMS

BBWI	Bechtel BWXT Idaho, LLC
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFLUP	Comprehensive Facilities and Land Use Plan
DOE	U.S. Department of Energy
DOE-ID	U.S. Department of Energy Idaho Operations Office
EPA	U.S. Environmental Protection Agency
IC	institutional control
ICARE	Issue Communication and Resolution Environment
ICPP	Idaho Chemical Processing Plant
IDEQ	Idaho Department of Environmental Quality
INEEL	Idaho National Engineering and Environmental Laboratory
INTEC	Idaho Nuclear Technology and Engineering Center
NEPA	National Environmental Policy Act
NFA	No Further Action
NOD	Notice of Disturbance (has been revised to NSD – Notice of Soil Disturbance)
OU	operable unit
RI/FS	Remedial Investigation/Feasibility Study
ROD	record of decision
SNF	spent nuclear fuel
TBD	to be determined
USGS	U.S. Geological Survey
WAG	waste area group
WCF	Waste Calcining Facility

The 2003 Annual Institutional Controls Monitoring Report for Operable Unit 3-13

1. INTRODUCTION/PURPOSE

The purpose of this report is to document the results of the annual institutional controls (ICs) inspection conducted for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites in Waste Area Group 3 (WAG 3), Operable Unit (OU) 3-13 at the Department of Energy (DOE) Idaho National Engineering and Environmental Laboratory (INEEL). The Idaho Nuclear Technology and Engineering Center (INTEC) is designated as WAG 3, OU 3-13, and was formerly known as the Idaho Chemical Processing Plant (ICPP). The annual inspection is in accordance with the Record of Decision (ROD), *Final Record of Decision Idaho Nuclear Technology and Engineering Center* (DOE-ID 1999), and the *Institutional Control Plan for the Idaho Nuclear Technology and Engineering Center, Waste Area Group 3, Operable Unit 3-13*, (DOE-ID 2003a). This report does not replicate detailed information (e.g., site descriptions, site maps, ICs) provided in the Institutional Control Plan. This report includes the following information:

- The results of the field inspection, including checklists and visual inspection results
- Report on the Notices of Soil Disturbances that were issued in 2002 and 2003
- Deficiencies from the 2002 report and the resolutions
- Report on the information in the Comprehensive Facility and Land Use Plan (CFLUP)
- Selected photographs from the inspection.

2. INSPECTION SUMMARY

The INEEL conducted inspections to verify implementation of the specified institutional controls at WAG 3 release sites on April 15 and 23, May 13, and June 10, 2003. The 2003 inspections used the checklists available in the IC Plan (DOE-ID 2003a), which have been included in Appendix A. Additionally, documentation of soil disturbances at WAG 3 were reviewed, and the CERCLA information found in the CFLUP was reviewed and revised as needed. The following sections outline the methodology used to conduct and the results of the 2003 IC inspections. A representative of the Idaho Department of Environmental Quality (IDEQ) also conducted an independent inspection of selected institutionally controlled sites on July 14, 2003.

2.1 Document Reviews

As part of the annual review of ICs, the INEEL reviewed the CFLUP information that has been made available to the public. The INEEL CFLUP provides guidance on facility and land use at the INEEL through the 100-year (year 2095) scenario (DOE-ID 1996). The CFLUP also includes a CERCLA module, which catalogues the IC sites at the INEEL. The following specific information about the WAG 3 institutional control sites is available:

- A list of all CERCLA institutionally controlled areas with descriptions
- A list of required ICs for each CERCLA site

- The objective of the control or restriction
- The control or restriction
- The time frame that the restrictions apply
- A point of contact.

The CERCLA module of the CFLUP that is available to the public does not include maps and coordinates due to security concerns. However, this data is available to INEEL personnel to facilitate implementation.

The WAG 3 CERCLA information in the CFLUP has been made available to the public through the internet. This information is now available at <http://cflup.inel.gov>. Further, the *INEEL Sitewide Institutional Controls Plan for CERCLA Response Actions*, (DOE-ID 2003b), currently in preparation. This IC plan, upon acceptance by the Environmental Protection Agency (EPA) and IDEQ, will be the reference document for future inspections at the INEEL.

In accordance with the soil management plan at INTEC, the agencies are notified of non-emergency soil disturbances, which may occur at WAG 3. These documents have been reviewed as part of the 2003 inspection. A list of the Notice of Disturbance (NOD) documents completed between March 2002 and July 2003 is in Table 1. Note that the designation "NOD" has been revised to "NSD" (Notice of Soil Disturbance) to avoid confusion with "Notice of Deficiency". Included is a brief description of the planned disturbance and information as to the status of the activity on July 1, 2003.

2.2 Results of the Field Inspection

The 2003 WAG 3 institutional controls inspections were conducted on April 15 and 23, May 13, and June 10, 2003, using the checklists in the IC Plan (DOE-ID 2003a). A representative of the Idaho Department of Environmental Quality conducted independent inspections of selected institutionally controlled sites on July 14, 2003. During the field inspections, the previously identified deficiencies from the 2002 inspection were assessed to determine if the appropriate corrective measures were performed, in addition to the requirements specified in the IC Plan. Copies of completed checklists from the field inspections are provided in Appendix A.

2.3 Summary of 2002 Deficiencies and Corrective Measures

No unresolved deficiencies were identified during the 2003 inspections. Special attention was given to the sites that had deficiencies noted in 2002 (DOE-ID 2003c). The Table 2 lists the 2002 deficiencies, corrective actions, and current status. Several deficiencies were noted during the inspections performed by INEEL personnel; these were corrected at the time of observation or as noted in the inspection checklists.

Ted Livieratos, a representative of the Idaho Department of Environmental Quality, Lee Tuott and Renee Fitch visited selected CERCLA IC sites at WAG 3, with special attention to assessing the corrective actions that had been implemented during the past year. Refer to Appendix B for photographs taken on July 14, 2003.

Table 1. List of Notices of Soil Disturbances for OU 3-13 in 2002 and 2003.

NOD#	Project Description	Comments on Activity	Status on July 1, 2003
NOD-02-03	Cathodic Protection Upgrade	NOD approved in August 2002, with clarification on sampling strategy received in February 2003. Work started in April 2003. Work will continue through 2004.	In progress
NOD-02-04	Place 2 conduits in electrical transformer	NOD approved in May 2002. Work performed in FY-03.	Closed January 9, 2003
NOD-02-05	Remove Petroleum contaminated soil at CPP-701	Original NOD revised to permit increase in soil volume. Hot particle found on surface at start of work: no other rad.	Closed September 26, 2002
NOD-02-06	Tank Farm excavation at CPP-722	Never performed.	Closed
NOD-02-07	Electrical Utility	Excavations around manholes. Less than 1 cubic yard disturbed.	Closed August 1, 2003
NOD-02-08	CPP-655 demolition	NOD approved July 2002. Work performed August and September 2003.	Closed October 29, 2002
NOD-02-09	Probe cores	Minor amount of soil disturbed.	Closed October 24, 2002
NOD-02-10	Cathodic protection in CPP-749	Repair of breaks in cathodic lines, done September and October 2003.	Closed December 4, 2002
NOD-02-11	Footprint reduction	Work performed in 2003 construction season.	Closed July 1, 2003
NOD-02-12	Repair firewater lines	Work was started in 2003. One repair remains to be performed, waiting further funding. 100-cubic yards and no rad.	Will close on September 30, 2003
NOD-02-13	Trench by CPP-650	Minor amount of soil was disturbed, no rad.	Closed November 18, 2002
NOD-03-01	CPP-603 HVAC upgrade	Approved and not started.	
NOD-03-02	SNF Dry Cask Storage Pad	Approved and not started.	
NOD-03-03	Steam Vent Repair	Approved and not started	
NOD-03-04	EUSU Lighting Upgrade	Minor amount of soil was disturbed, no rad.	Closed July 7, 2003
NOD-03-05	Craft Relocation	Minor amount of soil was disturbed, no rad.	Closed July 24, 2003
NSD-03-06	CPP-1637 Upgrade	Approved and not started	
NSD-03-07	Sewer Upgrade	Approved and not started	
NSD-03-08	Potable Waterline Repair	Worked as emergency activity. no rad	Closed June 10, 2003

Table 2. 2002 Agency action items, corrective actions, and status in 2003 inspection.

Agency Action Items	Corrective Actions	Status
1. INEEL will check with other DOE sites to determine if the INEEL response to safeguarding government records is consistent. EPA will also do an internal check. The Agencies can then address affected IC items such as using the CFLUP for IC tracking, noticing stakeholders of IC changes, and the distribution of the IC Plan and Institutional Controls Monitoring Report.	To be determined (TBD) by DOE and the Agencies.	In process. The INEEL sitewide IC Plan, (DOE-ID 2003b) will be submitted for agency review by WAG 10. This document discusses how IC changes will be handled. The CERCLA module of the CFLUP has been revised and includes information of ICs throughout the INEEL. This is available at http://cflup.inel.gov .
2. The INEEL Long-Term Stewardship monitoring well checklist does not include an inspection of U.S. Geological Survey (USGS) wells. This needs to be resolved so that a reliable process for performing an IC inspection of WAG 3 monitoring wells can be adopted.	TBD by DOE and the Agencies	Complete. All USGS wells on the WAG 3 checklist were inspected as part of the 2003 assessment. Long-Term Stewardship representatives were present during this assessment.
3. The description column in Item 6 of the Group 2 inspection checklist needs to be completed with the status of each Group 2 site as described in the Closure Evaluation Criteria and Checklist flowchart.	The 2002 version of the IC Plan includes this change.	Complete. See the OU 3-13 IC Plan (INEEL 2003a).
4. The IC Plan needs to be revised to explain how the NEPA process can be used in place of a new DOE directive to control use of site groundwater.	The 2002 version of the IC Plan has been revised to complete this action item.	Complete. See the OU 3-13 IC Plan (INEEL 2003a).
5. The Group 1 checklist needs to be revised to eliminate individual columns for sites within the tank farm fence.	The 2002 version of the IC Plan includes this change.	Complete. See the OU 3-13 IC Plan (INEEL 2003a).

Table 2. (continued).

Agency Action Items	Corrective Actions	Status
6. Verify that the area of CPP-26 outside the tank farm fence is a No Further Action (NFA) site.	This has been verified through a review of the Proposed Plan and the WAG 3 OU 3-13 ROD.	Complete July 2002
7. Reconsider if IC monitoring requires inspection of work orders and training records. Resolve this issue prior to revising the IC Plan.	Revised wording in the OU 3-13 IC Plan eliminates the requirement to review work orders and training records on an annual basis. The revision identifies that the agencies, at their discretion, may request these records for review as part of the institutional control inspection.	Complete. The OU 3-13 IC Plan (INEEL 2003a) incorporated wording agreed to in conference call on November 22, 2002.
8. Ensure consistent management of ICs between CERCLA sites at INEEL. Work with INEEL Long-Term Stewardship Program.	A Sitewide IC Plan is currently being developed.	Complete The INEEL site-wide IC Plan (DOE-ID 2003b) will be submitted for agency review by WAG 10. The CERCLA module of the CFLUP has been revised and includes information of ICs throughout the INEEL.
9. Update warning signs at CPP-58 with new hazard (i.e., nitric acid). Remove old sign.	The signs were updated in August 2002.	Complete. Signs were replaced with new signs that update the boundary of site CPP-58 and list the hazards as "Radioactivity, inorganics". Boundary markers were relocated. Verified April 15, 2003 and July 14, 2003.
10. Explain the presence of stakes marked "CPP-38."	Wooden stake was marked wrong. The markers will be changed to the correct site, i.e., CPP-36.	Complete. Verified April 15, 2003 and July 14, 2003.
11. Install markers in old Waste Calcining Facility (WCF) concrete cap to delineate CPP-36.	Epoxy-covered markers will be placed on the cap prior to the 2003 IC monitoring inspections.	Complete. Verified April 15, 2003 and July 14, 2003.

Table 2. (continued).

Aaencv Action Items	Corrective Actions	Status
12. Check OU 3-13 Remedial Investigation/Feasibility Study (RI/FS) to determine nature of unacceptable risk for Group 3 site CPP-48.	RI/FS was checked and signs were moved to the correct locations. An excess chemical dump tank for the WCF was located at this site. The tank was closed under the Resource Conservation and Recovery Act, but was placed into the RI because of residual contamination at this location.	Complete. Residual contamination at this site is located 10-foot below ground surface. The signs and brass markers were verified on July 14, 2003.
13. Install markers and provide explanation in IC Plan for deviation from plan to place warning signs at all avenues of approach at CPP-41A. Install markers at other sites located under concrete.	The 2002 version of the IC Plan was revised to reflect the current status of this site.	Complete. Brass markers are installed on all corners of CPP-41A and a sign is located adjacent to this site. Sign verified April 15, 2003 and July 14, 2003.
14. Install warning signs and markers at CPP-37C	The site will be surveyed and the signs will be installed.	Complete. Site has been survey, marked and signed, as verified in the April 15, 2003 and July 14, 2003 inspections.
15. Repair deficiencies at wells USGS-50, MW-17, USGS-49, MW-1, USGS-121.	An ICARE notice on the Bechtel BWXT Idaho (BBWI) wells has been submitted. DOE will work with the USGS to develop a well inspection protocol for the USGS wells.	Complete. ICARE # 27977 is resolved and closed, June 2003.
16. Add warning sign for CPP-08 on signpost for CPP-09 to show location of Site CPP-08 that is under the asphalt road within the boundaries of CPP-09. Provide explanation in IC Plan for deviation from plan to mark boundaries of NFA sites.	CPP-08 has been added to the existing signs for CPP-09. The 2002 version of the IC Plan includes a discussion about the deviation for marking NFA sites. Note CPP-08 was incorrectly referenced at CPP-06 in original list of deficiencies.	Complete. The signs have been revised to show CPP-09 and CPP-08 are co-located. Verified April 15, 2003 and July 14, 2003.
17. Make permanent change to CPP-04 and CPP-05 warning signs that were corrected with a permanent marker pen.	These changes were made in September 2002.	Complete September 2002. Verified April 15, 2003 and July 14, 2003.
18. Add footnote to NFA inspection checklist that CPP-88 boundary is marked by the INTEC fence.	The updated IC Plan includes this change.	Complete. See the OU 3-13 IC Plan (INEEL 2003a).

Table 2. (continued).

Agency Action Items	Corrective Actions	Status
19. Determine USGS method of abandonment for Well LF3-11.	The abandonment of well LF3-11 was completed 6-4-02. Documentation of the abandonment is included in this report.	Complete. A new well in the vicinity of LF3-11 has been added to future inspection checklists. This is well USGS-128. Refer to Appendix C for photographs of USGS LF3-11 and USGS-128, and closure information on LF3-11.
20. Review work orders and training records selected by Agencies.	This action is in progress by the Agencies.	Complete. Performed by Agencies as part of the 2002 IC inspection.
21. Look at preliminary draft Notice of Disturbance Process write-up and clarify approach to managing disturbed contaminated soil (i.e., backfill excavation with contaminated soil vs. replacing with clean fill).	The approach and wording have been clarified in the NOD Agency Approval Form.	Completed September 2002. The MCP-1139 for Notice of Soil Disturbances revised June 2003. The approach for managing soils disturbed in sites to be remediated was clarified in an agency phone call held on February 27, 2003.

3. REFERENCES

- DOE-ID, 1996, *INEL Comprehensive Facility and Land Use Plan*, DOE/ID-105 14, Rev. 0, U.S. Department of Energy Idaho Operations Office, March 1996.
- DOE-ID, 1999, *Final Record of Decision Idaho Nuclear Technology and Engineering Center*, DOE/ID-10660, Rev. 0, U.S. Department of Energy Idaho Operations Office, U.S. Environmental Protection Agency, and Idaho Department of Health and Welfare, October 1999.
- DOE-ID, 2003a, *Institutional Control Plan for the Idaho Nuclear Technology and Engineering Center, Waste Area Group 3, Operable Unit 3-13*, DOE/ID-10729, Rev. 3, U.S. Department of Energy Idaho Operations Office, U.S. Environmental Protection Agency, and Idaho Department of Health and Welfare, January 2003.
- DOE-ID, 2003b, *INEEL Sitewide Institutional Controls Plan for CERCLA Response Sites*, DOE/ID-11042, Rev. 0, U.S. Department of Energy Idaho Operations Office, Draft, July 2003.
- DOE-ID, 2003c, *The 2002 Institutional Controls Monitoring Report for Operable Unit 3-13*, DOE/ID-11033, Rev. 0, U.S. Department of Energy Idaho Operations Office, January 2003
- MCP-1139, 2003, "CERCLA Institutionally Controlled Area Disturbances within WAG 3," Rev. 3, June 5, 2003.

Appendix A
Institutional Controls Field Inspection Checklists

WAG 3, OU 3-13, INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-15-03: 09:00-

INSPECTOR: Lee Tuott EA Support WAG 3
Name Title Organization

INSPECTOR Renee Fitch IC coordinator TS
Name Title Organization

INSPECTOR: _____
Name Title Organization

- Group Number or NFA Designation: 1
- Identify security restrictions that would limit or control public trespass:
☒ Restricted Security Access to the INEEL
☒ Restricted Security Access to INTEC fenced boundary
- Release sites with land use other than Industrial: NONE
- Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 7.

Release Site	Description	Status of Remedial Action	Evidence of Unauthorized Human Intrusion	Observed Boundary Monuments ^a	Observed Warning Signs/Barriers
CPP-15	Solvent burner E. of CPP-605	Pre-Design	NO	Yes	Yes
CPP-58	CPP PEW Evaporator overhead pipe spills	Pre-Design	no	Yes	need signage updated - (*)
CPP-96 ^b	Tank Farm Interstitial Soils	Pre-Design	no	Yes	Yes
a. Boundary monuments may be a fence corner or building					
b. CPP-96 includes CPP-16, 20, 24, 25, 27, 28, 30, 31, 32, 33, and 79 Part of CPP-26 within the tank farm fence is also included.					

(*) Signs on CPP-58 have been replaced with new signs to show the updated boundaries and also, signs have been added on the west border of site, DRF 7-14-03

5. Institutional Controls records review. On the table below, please indicate, "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review				Observed NOD(s) ^a	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-15	yes	yes			yes	NA
CPP-58	yes	yes			yes	N/A
CPP-96	yes	yes			yes	N/A

6. Listing of NODs. Deficiencies should be addressed in No. 7. A random sampling of NODs may be assessed by the Agencies, with a focus on the following: Did the soil disturbance, approved by the Agencies, interfere with the conduct of planned remedial activities? Are Agency approvals on file? Was any unexpected Occurrences discovered, and, if so, was this documented and reported to the Agencies? Were samples taken in accordance with the NOD? Are sample results in the file? Is completion of the tasks specified in the NOD documented and the NOD closed? Additional information and supporting records for NODs may be also be requested for review, such as RWP, worker training records, or other information deemed appropriate by the Agencies.

Notices of Disturbance
NOD for Tank Closure Activities - Not activated
Cathodic Protection NOD - approved in 2002, work not started until FY 03

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems:

CPP-58 signage needs updated & include "inhibitor"

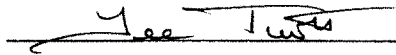
IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection:

Will need to reassess TFLA boundaries after potential ESD (12-03 ESD and due).

CPP-08 signage updated to show hazards as "Radioactivity, inorganic" and to show larger area for site. Signs verified 7-18-2003

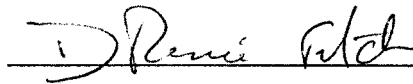
I certify that the above inspection report is true and accurate to the best of my ability.



Inspector signature

4-15-03

Date



Inspector signature

4-15-03

Date

Inspector signature

Date

WAG 3, OU 3-13, INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-15-03 09:00 -

INSPECTOR: ee Tuott EA Support WAG 3
Name Title Organization

INSPECTOR: - c y & Fitch IC Coordinator LTS
Name Title Organization

INSPECTOR: _____
Name Title Organization

1. Group Number or NFA Designation: 2
2. Identify security restrictions that would limit or control public trespass:
☒ Restricted Security Access to the INEEL
☒ Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: None
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 8.

Release Site	Description	Evidence of Unauthorized Human Intrusion	Observed Boundary Monuments ^a	Observed Warning Signs/Barriers
CPP-02	Floor Drain W of CPP-603	None	Blog - Yes	-
CPP-41a	Fire Training Pits between CPP-666 and CPP-603	None	Yes	Yes
CPP-60	Paint Shop at CPP-645	None	Building corner	yes
CPP-68	Abandoned gasoline tank CPP VES-UTI-652	None	yes	yes
CPP-80	CPP-601 Vent Tunnel drain leak	None	yes	yes
CPP-85	WCF Blower Corridor	None	Yes	Need sign put up
CPP-86	CPP-602 Waste Trench Sump	None		yes
CPP-87	CPP-604 VOG Blower cell sump and floor drain	None	yes	yes
CPP-89	CPP-604/605 tunnel excavation	None	es	yes

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review		Observed NOD(s) ^a	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs		
CPP-02	Yes	Yes	None	NA
CPP-41a	Yes	Yes	None	NA
CPP-60	yes	yes	none	N/A
CPP-68	yes	yes	none	NA
CPP-80	yes	yes	none	N/A
CPP-85	Yes	Yes	None	NA
CPP-86	yes	yes	none	N/A
CPP-87	Yes	Yes	None	NA
CPP-89	Yes	Yes	None	NA

a. Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

6. Provide the current status of any remedial actions at the release sites (i.e., a detailed description of the project's status based on the flowchart from Figure 3-1, *Operable Unit 3-13 Group 2 Closure Evaluation Criteria and Checklist*, DOWID-10775, Rev. 1, October 2000.

Release Site	Description/ Status in the Closure Evaluation Criteria and Checklist
CPP-02	NA
CPP-41a	NA
CPP-60	N/A
CPP-68	N/A
CPP-80	N/A
CPP-85	N/A
CPP-86	NA
CPP-87	NA
CPP-89	NA

NA = No remedial actions / DED in process for the Bldgs over group 2 sites.

IMPROVEMENTS:

9. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

Standard CPP 85 (WCF monument) re-hung
verified 4-15-03

I certify that the above inspection report is true and accurate to the best of my ability.

Inspector signature Date

D Renée Fitch 4-15-03
Inspector signature Date

[Signature] 4-15-03
Inspector signature Date

WAG 3, OU 3-13, INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-15-03 09:00 -

INSPECTOR: Lee Tuott WAG 3 WAG 3
Name Title Organization

INSPECTOR: Renee Fitch LTS-IC Coordinator LTS
Name Title Organization

INSPECTOR: ✓ ✓ ✓
Name Title Organization

1. Group Number or NFA Designation: 3
2. Identify security restrictions that would limit or control public trespass:
☒ Restricted Security Access to the INEEL
☒ Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: none
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 8.

Release Site	Description	Status of Remedial Action	Evidence of Unauthorized Human Intrusion	^① Observed Boundary Monuments ^a	Observed Warning Signs/Barriers
CPP-01	Concrete settling basin E of CPP-603	Pre-Design	NO	Yes	Yes
CPP-03	Temporary Storage Area SE of CPP-603	Pre-Design	NO	Yes	Yes
CPP-04	Contaminated Soil Area near CPP-603	Pre-Design	NO	Yes	Yes
CPP-05	Contaminated Soil Area near CPP-603 Settling Basin	Pre-Design	NO	es	Yes
CPP-08	CPP-603 basin filter line failure	Pre-Design	No	Yes	Yes
CPP-09	Soil contamination NE corner of CPP-603 SB	Pre-Design	NO	Yes	Yes
CPP-10	CPP-603 plastic pipe break	Pre-Design	NO	Yes	Yes
CPP-11	CPP-603 sludge and water release	Pre-Design	NO	Yes	Yes
CPP-13	Pressurization of solid storage cyclone NE of CPP-603	Pre-Design	No	s	Yes
CPP-14	Old Sewer Treatment Plant W of CPP-604	Pre-Design	NO	Yes	Yes

Release Site	Description	Status of Remedial Action	Evidence of Unauthorized Human Intrusion	(1) Observed Boundary Monuments'	Observed Warning Signs/Barriers
CPP-19	CPP-603 to CPP-604 line leak	Pre-Design	No	Yes	Yes
CPP-34 A/B	Soil storage area (disposed trenches) in the northeast corner of the ICPP	Pre-Design	n	Yes	Yes
CPP-35	CPP-633 decontamination spill	Pre-Design	No	Yes	Yes
CPP-36	Transfer Line leak from CPP-633 to WL-102	Pre-Design		Yes	Yes
CPP-37 A/B	Gravel Pits and Debris Landfill in/out of INTEC	Pre-Design	No	Yes	gr - need work
CPP-37 C	General Pits and Debris Landfill in/out of INTEC	Pre-Design		Yes	gr - need work
CPP-44	Grease Pit S of CPP-608	Pre-Design	No	Yes	Yes Need work
CPP-48	French Drain S of CPP-633	Pre-Design	No	Yes	need post/signs
CPP-55	Mercury contamination area S of CPP-t-15	Pre-Design	n	Yes	Yes
CPP-67	CPP Percolation Ponds #1 and #2	Pre-Design	No	Yes	Yes
CPP-91	CPP-633 blower pit drain	Pre-Design	No	Yes	Need sign
CPP-92	Soil boxes W of CPP-I617 (2)	Pre-Design	No	Yes	Yes
CPP-93	Simulated calcine disposal	Pre-Design	No	Yes	Yes
CPP-97	Tank Farm soil stockpiles (2)	Pre-Design	No	Yes	Yes
CPP-98	Tank Farm shoring boxes (2)	Pre-Design	No	Yes	Yes
CPP-99	Boxed soil (2)	Pre-Design	No	Yes	Yes

a. Boundary monuments may be a fence corner or building.

(1) note - sites w/in security fence ("no man's land") could not be accessed/visited for security monuments - but observed NO

(2) SLA - (CPP-1789)

Release Site	CFLUP Review		Observed NOD(s) ^a	Comments / Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs		
CPP-01	Yes	Yes		
CPP-03	Yes	Yes		
CPP-04	Yes	Yes	Yes	NOD 0203 Cathodic protection
	Yes	Yes		
CPP-09	Yes	Yes		
CPP-10	Yes	Yes		
CPP-11	Yes	Yes		
CPP-13	Yes	Yes	NA	
CPP-14	Yes	Yes	Yes	NOD 0203 Cathodic protection
CPP-19	Yes	Yes	Yes	NOD 0203 Cathodic protection
CPP-34 A/B	Yes	Yes	no	all good
CPP-35	Yes	Yes	NA	
CPP-36	Yes	Yes	NA	
CPP-37A/B	Yes	Yes	NA	hang new signs Markers in place - remove old signs marker
CPP-37 C	Yes	Yes	NA	Post/signage needed; markers are in place
CPP-44	Yes	Yes	NA	
CPP-48	Yes	Yes	no	relocation of signs needed, markers are in place
CPP-55	Yes	Yes	NA	
CPP-67	Yes	Yes	NA	
CPP-91	Yes	Yes	NA	
CPP-92	Yes	Yes	NA	
CPP-93	Yes	Yes	NA	
CPP-97	Yes	Yes	None	OK n/a
CPP-98	Yes	Yes	None	
CPP-99	Yes	Yes	NA	

a. Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

6. Listing of NODs. Deficiencies should be addressed in No. 7. A random sampling of NODs may be assessed by the Agencies, with a focus on the following: Did the soil disturbance, approved by the Agencies, interfere with the conduct of planned remedial activities? Are Agency approvals on file? Was any unexpected occurrences discovered, and, if so, was this documented and reported to the Agencies? Were samples taken in accordance with the NOD? Are sample results in the file? Is completion of the tasks specified in the NOD documented and the NOD closed? Additional information and supporting records for NODs may be also be requested for review, such as RWPs, worker training records, or other information deemed appropriate by the Agencies.

<i>Notices of Disturbance</i>
NOD 02 03 for Cathodic protection upgrade was approved in FY 2002. Work was not commenced until March 2003. The group 3 sites which will be affected are noted in #5 above.

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: CPP-48 - need posts/signs. CPP-91 - needs signs
4-15-03 OK LT
-
-
-
-
-
-
-
-
-
-

IMPROVEMENTS:

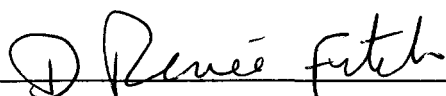
8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection:
- sign and sign posts for CPP 48 are re-located and match survey markers (7-8-03)
- The Sign for CPP-36 includes CPP 91. These sites are noted in the OU 3-13 ROD as being the same contamination and adjacent.
- CPP-37-b and CPP 37-c signage updated to reflect new boundaries. Verified, 7-15-03

I certify that the above inspection report is true and accurate to the best of my ability.

 4-15-03

Inspector signature

Date

 4-15-03

Inspector signature

Date

Inspector signature

Date

DATE(S)/TIME(S): 5-13-03 / 4-23-03 / 6-10-03

INSPECTOR: _____

Name	Title	Organization
------	-------	--------------

- | Well ID | Well ID Label Intact and Readable? | Locked? | Abutment Condition | Concrete Pad Condition | Surveyed Location Map Available? | Evidence of Unauthorized Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock) |
|-----------|------------------------------------|---------|---------------------|------------------------|----------------------------------|---|
| CPP-33-1 | access restricted | | appears all correct | | | 5-13 |
| CPP-33-2 | yes | yes | good | good | yes | none May 13 |
| CPP-33-3 | yes | yes | good | good | yes | none May 13 |
| CPP-37-4 | yes | yes | good | good | yes | none 13 May |
| CPP-55-06 | yes | yes | good | good | yes | none 5-13 |
| PW-1 | yes | yes | none | good | yes | none |
| PW-2 | yes | yes | good | poor | yes | none |

Hydro
geologic
Data
Responsibility
Project #

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Unauthorized Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
PW-3	yes	yes	good	good	yes	none
PW-4	yes	yes	good	good	yes	none
PW-5	access restricted - Reservoir Fence					6-10-03
PW-6	access restricted - ICDF					6-10-03
MW-1	yes	yes	good	good	yes	none 5-13
MW-2	yes	yes	good	good	yes	none 5-13
MW-3	yes	yes	good	good	yes	none 5-13
MW-4	no	yes	good	good	yes	none 5-13
MW-5	yes	yes	good	good	yes	none 5-13
MW-6	yes	yes	good	good	yes	none 5-13
MW-7	yes	yes	good	good	yes	none 5-13
MW-8	yes	yes	good	good	yes	none 5-13
MW-9	yes	yes	good	good	yes	none 6-10-03
MW-10	yes	yes	good	good	yes	none 5-13
MW-11	yes	yes	good	good	yes	none 5-13
MW-12	yes	yes	good	good	yes	none 5-13
MW-13	yes	yes	good	yes	yes	none 5-13
MW-14	yes	yes	good	good	yes	none 5-13
MW-15	yes	yes	good	yes	yes	none 5-13
MW-16	yes	yes	good	good	yes	none 5-13
MW-17	yes	yes	good	good	yes	none 5-13
MW-18	yes	yes	good	good	yes	none 5-13
MW-20	yes	yes	good	good	yes	none 6-10-03
USGS-50	yes	yes	good	good	yes	none 6-10-03
CPP-33-4-1	yes	yes	good	good	yes	none 5-13
CPP-33-4-2	yes	yes	good	good	yes	none 5-13
1236-ICPP-S-132	yes	yes	good	yes	yes	none 4-23
1385-ICPP-SCLP-216	yes	yes	good	good	yes	none 4-23
1386-ICPP-SCLP-217	yes	yes	good	good	yes	none 4-23
1387-ICPP-SCLP-218	yes	yes	good	good	yes	none 4-23

4-23
4-23

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Unauthorized Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
1388-ICPP-SCI-P-219	yes	yes	yes	good	Y	W 4-23
1389-ICPP-SCI-P-220	yes	yes	yes	good	Y	No 4-23
1390-ICPP-SCI-P-221	yes	yes	yes	good	yes	N 4-23
1391-ICPP-SCI-P-222	yes	yes	good	good	yes	none 4-23
1392-ICPP-SCI-P-223	yes	yes	good	good	yes	none 4-23
1393-ICPP-SCI-P-224	yes	yes	good	good	yes	none 4-23
1394-ICPP-SCI-P-225	yes	yes	good	good	yes	none 5-13
1395-ICPP-SCI-P-226	yes	yes	good	good	yes	none 5-13
1396-ICPP-SCI-P-227	yes	yes	good	yes	yes	none 4-23
1397-ICPP-SCI-P-228	yes	yes	good	good	yes	none 4-23
1398-ICPP-SCI-P-229	yes	yes	good	good	yes	none 4-23
1399-ICPP-MON-A-230	yes	yes	good	pad split	yes	none 4-23
1400-ICPP-SCI-P-247	yes	yes	good	good	yes	none 5-13 4-23
1401-ICPP-SCI-P-248	yes	yes	good	good	yes	none 9-23
1402-ICPP-SCI-P-249	yes	yes	good	good	yes	none 5-13
1403-ICPP-SCI-P-250	yes	yes	good	good	yes	none 4-23
1404-ICPP-SCI-P-251	yes	yes	ok	good	yes	No 4-23

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Unauthorized Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
1405-ICPP-SCI-P-252	yes	yes	good	good	yes	none 4-23

7. Are any non-CERCLA wells operating in the groundwater IC restriction area?

☒ YES NO NA

If YES, describe the wells and what program(s) they operate under. WAP wells for
sewage treatment plant; Potable + firewater wells for INTC

8. Does a DOE-ID Directive exist that restricts drilling into contaminated zones at OU 3-13 or the INEEL?

☒ YES NO NEPA evaluation

If NO Explain: _____

9. Have required notices been sent to affected stakeholders (if applicable)?

YES NO ☒ NA

If NO Explain: _____

DEFICIENCIES

10. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

IMPROVEMENTS:

11 Describe any additional **IC** requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

I certify that the above inspection report **is** true and accurate to the best of my ability.

D. Dennis Fitch June 10, 2003

Inspector signature

Date

[Signature] 4-23-03

Inspector signature

Date

Inspector signature

Date

WAG 3, OU 3-13, INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-23-03 / 5-13-03 / 6-10-03

INSPECTOR: _____

Name	Title	Organization
INSPECTOR: <u>D. Renee Fitch</u>	<u>IC Coordinator</u>	<u>LTO</u>
Name	Title	Organization

INSPECTOR: _____

Name	Title	Organization
------	-------	--------------

- Group Number or NFA Designation: 5
- Identify security restrictions that would limit or control public trespass:
 - ☒ Restricted Security Access to the INEEL
 - ☒ Restricted Security Access to INTEC fenced boundary
- Release Site ID and Description: CPP-23 CPP Injection Well (MAH-FE-PL-304)
- Release sites with land use other than Industrial: none
- Provide the current status of any remedial actions at the release sites, e.g., remedial design, construction, O&M, etc:
 - on-going monitoring
- Visual inspection matrix. If actions have been taken that would modify or close a monitoring well or respond to a deficiency identified in a previous inspection, take photographs and fill out "The Site Inspection Photo Number Log" for the annual report.

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Unauthorized Human Intrusion (i.e., unauthorized drilling, unlocked or missing well Lock)
MW-18	yes	yes	good	good	yes	none -
USGS-34	yes	yes	good	good	yes	none 4-23
USGS-35	yes	yes	yes	good	yes	none 4-4
USGS-36	yes	yes	yes	good	yes	none 4-23
USGS-37	yes	yes	good	good	yes	none 4-23
USGS-38	yes	yes	good	good	yes	none 4-23
USGS-39	yes	yes	good	good	yes	none 4-23
USGS-40	access controlled		assessed remotely			5-13
USGS-41	access controlled		assessed remotely			3-13

USGS 121 Labeled Look in good condition - North of CPP 6-10-03

Well ID	Well ID Label Intact Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Unauthorized Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
USGS-42	controlled access	assessed from distance	-	all		5-13
USGS-43	yes	yes	good	none	yes	none 4-23
USGS-44	yes	yes	good	good	yes	none 4-23
USGS-45	yes	yes	good	good	yes	none 4-23
USGS-46	yes	yes	good	good	yes	none 4-23
USGS-47	under concrete - could not visit					5-13-03
USGS-48	yes	yes	good	good	yes	none 5-13
USGS-49	access restricted - by the Coal fired plant					6-10-03
USGS-51	access restricted fire pond fence					6-10-03
USGS-52	yes	yes	good	yes	yes	none 5-13 No man's land
USGS-57	Access restricted (ICDF)					6-10-03
USGS-59	yes	yes	good	yes	yes	none 5-13
USGS-67	yes	yes	good	good	yes	none 4-23
USGS-77	yes	yes	good	good	yes	none 4-23
USGS-82	yes	yes	good	some cracks	yes	none 4-23
USGS-84	yes	yes	good	good	yes	none 4-23
USGS-85	yes	yes	good	good	yes	none 6-10-03
USGS-111	yes	yes	good	good	yes	none 4-23
USGS-112	yes	yes	good	good	yes	none 4-23
USGS-113	yes	yes	good	good	yes	none 4-23
USGS-114	yes	yes	good	good	yes	none 4-23
USGS-115	broken cap	yes	good	good	yes	none 4-23
USGS-116	yes	yes	good	good	yes	none 4-23
USGS-121	corrects controlled access fence DRE (above) 5-13-03					
USGS-122	yes	working on it	good	good	yes	none 5-13
USGS-123	access controlled removal for fence					
LF2-08	yes	yes	good	good	yes	none 4-23
LF2-09	yes	yes	good	good	yes	none 4-23
LF2-10	yes	yes	good	good	yes	none 4-23
LF2-11	yes	yes	good	good	yes	none 4-23
LF2-12	yes	no	good	good	yes	none 4-23
LF3-08	yes	yes	good	good	yes	none 4-23
LF3-09	none	yes	good	good	yes	none new cap 4-23
LF3-10	none	yes	good	good	yes	none new cap 4-23
LF3-11A	yes	closed			yes	none
2 USGS 128 yes yes good good yes none 6-10-03						

7. Are any non-CERCLA wells operating in the groundwater IC restriction area?

☒ YES NO NA

If YES, describe the wells and what program(s) they operate under. WAP well
STP: Potable + firewater wells at INTEC

8. Does a DOE-ID Directive exist that restricts drilling into contaminated zones at OU 3-13 or the INEEL?

☒ YES NO NEPA requirements

If NO Explain: _____

9. Have required notices been sent to affected stakeholders (if applicable)?

YES NO ☒ NA

If NO Explain: _____

DEFICIENCIES

10. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

IMPROVEMENTS:

11. Describe any additional IC requirements that **may** be necessary due to unique circumstances observed during the visual inspection: _____

I certify that the above inspection report is true and accurate to the best of **my** ability.

D. Renee Fitch

Inspector signature

6-10-03

Date _____

[Signature]

Inspector signature

4-23-02

Date

Inspector signature

Date

6. Listing of NODs. Deficiencies should be addressed in No. 7. A random sampling of NODs may be assessed by the Agencies, with a focus on the following: Did the soil disturbance, approved by the Agencies, interfere with the conduct of planned remedial activities? Are Agency approvals on file? Was any unexpected occurrences discovered, and, if so, was this documented and reported to the Agencies? Were samples taken in accordance with the NOD? Are sample results in the file? Is completion of the tasks specified in the NOD documented and the NOD closed? Additional information and supporting records for NODs may be also be requested for review, such as RWPs, worker training records, or other information deemed appropriate by the Agencies.

<i>Notices of Disturbance</i>
none

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

none The "north" arrows are correct

IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

none

I certify that the above inspection report is true and accurate to the best of my ability.

Lee Trust

4-15-03

Inspector signature

Date _____

D Renee Fitch

4-15-03

Inspector signature

Date

Inspector signature

Date

WAG 3, OU 3-13, INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-15-03

INSPECTOR: Lee Tuott EA Support WAG 3
Name Title Organization

INSPECTOR: D Rence Fitch EC coordinator LTO
Name Title Organization

INSPECTOR: _____
Name Title Organization

1. Group Number or NFA Designation: 7
2. Identify security restrictions that would limit or control public trespass:
✓ Restricted Security Access to the INEEL
 Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: NONE
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 7.

Release Site	Description	Status of Remedial Action	Evidence of Unauthorized Human Intrusion	Observed Boundary Monuments ^a	Observed Warning Signs/Barriers
CPP-69	Abandoned Hot Waste Tank CPP VES-SFE-20	Pre-Design	No	Yes	Yes *

a. Boundary monuments may be a fence corner or building

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records were not applicable at the time of the inspection (i.e., release site not accessed for work purposes). *Behind tent - in place for supporting characterization activities.*

Release Site	CFLUP Review		Observed NOD(s) ^a	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs		
CPP-69	<u>yes</u>	<u>yes</u>	<u>NA</u>	<u>NA</u>

a. Agency inspectors may

6. Listing of NODs. Deficiencies should be addressed in No. 7. A random sampling of NODs may be assessed by the Agencies, with a focus on the following: Did the soil disturbance, approved by the Agencies, interfere with the conduct of planned remedial activities? Are Agency approvals on file? Was any unexpected occurrences discovered, and, if so, was this documented and reported to the Agencies? Were samples taken in accordance with the NOD? Are sample results in the file? Is completion of the tasks specified in the NOD documented and the NOD closed? Additional information and supporting records for NODs may be also be requested for review, such as RWPs, worker training records, or other information deemed appropriate by the Agencies.

<i>Notices of Disturbance</i>
None

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: None

IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: None

I certify that the above inspection report is true and accurate to the best of my ability.

Inspector signature

Date

D. Renee Fitch 4-15-03

Inspector signature

Date

[Signature] 4-15-03

Inspector signature

Date

WAG 3, OU 3-13, INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-15-03

INSPECTOR: Lee Tuott - coordinator WAG 3
Name Title Organization

INSPECTOR: D Renee Fitch IC Coordinator LTD
Name Title Organization

INSPECTOR: _____
Name Title Organization

1. Group Number or NFA Designation: NFA

2. Identify security restrictions that would limit or control public trespass:

☒ Restricted Security Access to the INEEL

☒ Restricted Security Access to INTEC fenced boundary

3. Release sites with land use other than Industrial: none

4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 7.

515 not required

Release Site	Description	Status of Remedial Action	Evidence of Unauthorized Human Intrusion	Observed Boundary Monuments ^a
CPP-06	Trench east of CPP-603 Fuel Storage Basin ^b	5-Year Remedy Review	No	Yes
CPP-17	Soil storage area south of CPP Peach Bottom Fuel Storage Area	5-Year Remedy Review	No	Yes
CPP-22	Particulate air release south of CPP-603	5-Year Remedy Review	NO	Yes
CPP-26	Steam Flushing release outside the Tank Farm fence	5-Year Remedy Review	no	yes sign can be removed verify markers
CPP-88	Radiologically contaminated soil	5-Year Remedy Review	NO	Fence - Yes
CPP-90	CPP-708 ruthenium detection	5-Year Remedy Review	No	Yes
CPP-95	Airborne plume	5-Year Remedy Review	NO	some caps/monuments have been placed.

^a Boundary monuments may be a fence corner or building, e.g., CPP-88 boundary is the INTEC security fence boundary

^b CPP-06 is located wholly within CPP-09 and uses CPP-09 boundary markers

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review		Observed NOD(s) ^a	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs		
CPP-06		yes		N/A
CPP-17		yes		
CPP-22		yes		
CPP-26		yes		
CPP-88			yes	
CPP-90		yes		
CPP-95		yes	yes	↓

a Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies

6. Listing of NODs. Deficiencies should be addressed in No. 7. A random sampling of NODs may be assessed by the Agencies, with a focus on the following: Did the soil disturbance, approved by the Agencies, interfere with the conduct of planned remedial activities? Are Agency approvals on file? Was any unexpected occurrences discovered, and, if so, was this documented and reported to the Agencies? Were samples taken in accordance with the NOD? Are sample results in the file? Is completion of the tasks specified in the NOD documented and the NOD closed? Additional information and supporting records for NODs may be also be requested for review, such as RWPs, worker training records, or other information deemed appropriate by the Agencies.

Notices of Disturbance
NOD "56" Replace "T" north of CPP-651 - closed - CPP88
NOD-02-08 - CPP653 demolition - closed - CPP88
NOD-02-01 New Dry fuel storage - CPP95 - closed
NOD-02-02 Replace Val & in sewer - CPP95 closed
NOD-02-04 Replace 2 conduits in electrical transformer CPP88 closed
NOD-02-05 Petroleum Cont Soil Removal CPP-88 closed
NOD 02-07 Electrical Utility Upgrade CPP88 closed
NOD-02-09 Probe Cores for LBNL CPP95 closed
NOD 02-10 Cathodic Prot in CPP-749 CPP88 closed
NOD 02-13 EUSU Trench by CPP651 CPP88 closed

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

I certify that the above inspection report is true and accurate to the best of my ability.

Inspector signature

Date

D Renee [Signature]

4-15-03

Inspector signature

Date

[Signature] C. [Signature]

4-15-03

Inspector signature

Date

Site Inspection Photo Number Log

DATE: July 14 2003 TIME OF DAY (if applicable): as noted

WEATHER CONDITIONS: Hot, 97°F, sunny

FILM TYPE: Digital Camera

Photo Number	Location and Direction	Release Site Identification/Group Number
PD 030261-02	CPP 04/05 sign	3:07 pm 3:54 pm Looking NE
PD 030261-03	CPP-37B sign	3:04 pm East
PD 030261-04	CPP-37C sign	3:54 pm East
PD 030261-05	CPP-41 sign	2:33 pm East
PD 030261-06	CPP 48	2:17 pm East
PD 030261-07	CPP-58 new sign	2:09 Looking West
PD 030261-08	CPP-69	3:10 NE
PD 030261-09	CPP-50	2:35 Looking East
PD 030261-10	MW-1 Looking East	2:01 pm East
PD 030261-11	USGS-121	4:25 pm South
PD 030261-13	USGS-49	3:21 East
PD 030261-14	USGS-50	2:26 pm South